

Special Issue

Dietary Bioactive Components in Inflammatory Bowel Disease

Message from the Guest Editors

Inflammatory bowel diseases (IBD) represent chronic debilitating inflammatory disorders that can affect different parts of the gastrointestinal tract and which are commonly correlated to two main diseases: Crohn's disease and ulcerative colitis. These inflammatory conditions can lead to the development of severe complications such as anemia, malnutrition, infection, and an increased risk of colon cancer, one of the most common cancers worldwide. Despite intense research efforts, the etiology of IBD is not well-established, but it is reasonably hypothesized that the interaction of multiple factors, including environmental and genetic factors, intestinal microbiota, and immune response are involved in IBD promotion. This Special Issue will investigate the recent advances in the study of the role exerted by dietary bioactive compounds against IBD, focusing attention on the cellular processes, the molecular mechanisms, and the involved pathways, in order to elucidate their possible beneficial health effects and to promote their efficacy in this disease management. Topics related to both original and reviewed articles are welcome.

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